

Amendments to the Specification:

Please replace the paragraph beginning on page 10, line 20, with the following rewritten paragraph:

-- The detector 32 can use a variety of detection methods such as raman and radiolabeling to detect the presence of a sample band 26 within the detection zone 28. In the illustrated embodiment, fluorescence technology is used for detection of the bands 26. Fluorescent technology uses a fluorescent dye including, but not limited to cyanine nucleic acid dyes, a range of which are commercially available from Molecular Probes, Inc., Eugene, Oregon. Specific examples of useful fluorescent dyes are sold under the trademarks PicoGreen®, ~~PICO-Green~~, TO-PRO 1, and TO-PRO 3. The fluorescent dye is attached to the sample of interest. The fluorescent tags emit light when excited by a laser of a certain wavelength. The light from the excited fluorescent tag is known as laser induced fluorescence. --